



EUROPEAN AVIATION SAFETY AGENCY  
AGENCE EUROPÉENNE DE LA SÉCURITÉ AÉRIENNE  
EUROPÄISCHE AGENTUR FÜR FLUGSICHERHEIT

# **EASA Certification Memorandum on Flammability Testing of Interior Materials**

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6<sup>th</sup> March 2013

Your safety is our mission.



# EASA Certification Memorandum on Flammability Testing of Interior Materials

- ▶ The EASA requirements for flammability testing of materials used in the interiors of Large Aeroplanes are specified in CS 25.853 and CS-25 Appendix F.
- ▶ EASA AMC 25.853 makes reference to the relevant sections of FAA Advisory Circular (AC) 25-17A, Transport Airplane Cabin Interiors Crashworthiness Handbook, dated May 18, 2009.
- ▶ The available guidance material included in CS-25 and in FAA AC 25-17A is not detailed enough to cover the wide range of materials installation that is typical of the design of the cabin interior of Large Aeroplanes.



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- ▶ In order to provide a more standardized set of method of compliance with 25.853(a) and (d), back in 2009 the FAA started an exercise together with a Working Group composed by Industry Representatives (FSTG).
- ▶ The outcome of this exercise is reflected in the content of FAA PS-ANM-25.853-01- R1, dated 1<sup>st</sup> February 2013.
- ▶ EASA has been highly involved in the development of the above-mentioned FAA Policy Statement and is in full agreement with its content.



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- ▶ EASA is going to issue a Certification Memorandum to inform Design Organizations that EASA expects them to develop their compliance documentation (certification plans, test plans, test reports) following the guidelines provided by FAA PS-ANM-25.853-01- R1.
- ▶ The Certification Memorandum will be applicable to all design changes that include in their Certification Basis CS 25.853(a) and (d), CS-25 Appendix F Parts I, IV and V at Amendment 12 or equivalent requirements of JAR/CS 25 at previous Changes/Amendments. Moreover, it will be applicable to all projects in which CS-25 Appendix F test methods are used to meet other requirements, such as CS 23.853, 27.853, 29.853, CS 25.855 or Special Conditions.



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- ▶ The EASA Proposed Certification Memorandum is currently in the internal consultation phase. Publication of the EASA Proposed Certification Memorandum on the EASA website is expected by the end of April 2013. The EASA Proposed Certification Memorandum will be closed for public consultation 6 weeks after the date of publication. The Final Certification Memorandum will be published together with the related Comment Response Document (CRD).
- ▶ In the meantime, EASA expects and invites Design Organizations to develop their compliance documentation (certification plans, test plans, test reports) following the guidelines provided by FAA PS-ANM-25.853-01- R1.



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Thank you for your attention!